AMERICAN UNIVERSITY OBSERVATORY

MONTHLY BULLETIN

METEOROLOGICAL SECTION

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

BEIRUT, LEBANON

Latitude: 33° 54' 22" N.

Longitude: $2^h\ 21^m\ 52^s.7$ E.

JUNE 1956

Printed at the American Press.

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SMITHSONIAN INSTITUTION

JUNE 1956

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	58.0	58.9	60.1	59.0	28.0	18.8	24.7	27.4	21.3	24.5
2	62.2	62.1	62.3	62.2	28.3	19.1	23.9	27.8	21.3	24.3
3	62.0	62.1	61.8	62.0	28.7	21.6	26.9	27.3	22.6	25.6
4	60.2	59.6	59.2	59.7	31.9	22.4	28.0	28.9	23.3	26.7
5	58.9	58.7	59.0	58.9	30.7	20.1	27.5	29.7	23.1	26.8
6	60.2	60.2	60.0	60.1	29.3	19.1	26.1	28.6	21.6	25.4
7	60.4	60.0	59.2	59.9	28.7	19.1	25.1	27.7	21.3	24.7
8	59.3	59.1	59.3	59.2	28.1	19.7	23.9	25.6	21.7	23.7
9	60.2	59.8	60.5	60.2	28.5	20.3	23.8	26.6	21.9	24.1
10	60.6	59.8	59.8	60.1	28.7	21.2	26.0	27.2	23.3	25.5
11	59.1	58.6	57.9	58.5	31.0	22.2	26.4	30.1	23.7	26.7
12	56.8	56.5	56.6	56.6	31.7	22.2	27.2	31.3	24.5	27.7
13	56.4	55.7	55.7	55.9	32.4	22.9	28.1	32.1	26.4	28.9
14	56.4	56.1	55.8	56.1	32.5	23.2	28.9	31.8	25.6	28.8
15	56.1	54.9	55.1	55.4	33.7	22.9	31.2	32.7	24.9	29.6
16	55.3	54.9	55.0	55.1	30.7	23.7	27.2	29.6	24.4	27.1
17	55.9	55.8	56.1	55.9	30.5	23.1	27.2	30.2	24.3	27.2
18	56.6	56.9	57.0	56.8	30.5	21.4	27.1	29.5	24.2	26.9
19	57.3	56.9	57.2	57.1	30.9	21.4	26.8	30.3	24.1	27.1
20	5.69	56.3	56.5	56.6	30.8	22.4	27.1	30.0	24.2	27.1
21	56.4	56.7	57.2	56.8	30.7	21.4	27.3	30.0	23.4	26.9
22	58.4	58.6	58.9	58.6	30.4	21.9	27.9	28.7	23.7	26.8
23	59.0	58.7	58.7	58.8	31.0	21.4	27.1	30.5	23.8	27.1
24	58.2	57.5	57.9	57.9	31.3	21.7	26.8	30.6	24.2	27.2
25	58.8	59.4	59.5	59.2	30.7	21.2	26.9	30.2	23.4	26.8
26	60.0	59.8	59.6	59.8	31.2	21.2	27.2	30.6	24.2	27.3
27	58.2	56.6	56.0	56.9	30.9	22.8	26.8	29.9	24.9	27.2
28	53.7	53.4	54.4	53.8	30.6	22.4	27.8	29.7	24.6	27.4
29	55.4	55.4	56.1	55.6	31.5	22.1	27.7	30.7	24.4	27.6
30	57.2	56.8	56.9	57 0	31.4	23.3	27.9	27.9	24.3	26.7
31										
	58.14	57.86	57.98	57.99	30.51	21.54	26.88	29.44	23.62	26.65

Barometer, range for month 762.3 mm. — 753.4 mm.
„ 71-yr. average for month 757.92 mm.
Thermometer, range for month 33.7°C — 18.8°C
„ 71-yr. average for month 25.62°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 3.26 mm.
„ Total, Sept. 1st. to end of month 900.29 mm.
„ 71-yrs. average. Sept. 1st. to end of month 891.41 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.5	22.1	20.7	21.1	67	62	83	71	11.0	365.0	
2	22.2	23.0	21.9	22.4	74	62	87	74	11.2	220.0	
3	18.7	21.5	21.8	20.7	54	39	78	64	11.7	219.0	
4	14.7	20.1	23.3	19.4	40	51	81	57	11.8	164.0	
5	23.5	23.8	21.2	22.8	65	58	78	67	12.1	343.0	
6	21.5	20.6	20.2	20.8	66	54	78	66	13.1	399.0	
7	17.5	19.1	18.9	18.5	52	51	75	59	10.8	285.0	
8	18.4	19.6	20.8	19.6	61	60	80	67	12.3	188.0	
9	21.5	20.6	20.8	21.0	73	60	81	71	12.0	188.0	
10	23.0	22.8	23.3	23.0	67	63	82	71	12.9	212.0	
11	25.1	26.2	26.2	25.8	74	61	88	74	13.2	214.0	
12	22.8	23.9	19.8	22.2	63	53	66	61	13.0	447.0	
13	24.0	26.7	19.8	23.5	61	56	58	58	13.1	372.0	
14	24.2	28.6	21.5	24.8	61	62	66	63	12.9	212.0	
15	17.1	22.3	26.0	21.8	38	46	82	55	12.5	412.0	
16	25.6	27.4	25.7	26.2	71	67	84	74	12.1	756.0	
17	25.6	25.5	29.2	26.8	70	61	94	75	11.8	797.0	
18	24.9	26.7	25.5	25.7	69	66	86	73	12.0	626.0	
19	24.6	25.5	24.8	25.0	71	60	84	72	12.8	319.0	
20	24.9	24.8	23.5	24.4	69	58	79	69	12.7	502.0	
21	24.2	22.0	19.5	21.9	67	52	67	62	12.2	409.0	
22	21.0	22.8	22.2	22.0	56	58	75	63	12.4	245.0	
23	21.5	22.9	21.5	22.0	60	52	73	62	12.7	256.0	
24	20.6	22.9	23.7	22.4	58	52	78	63	12.5	365.0	
25	19.3	20.6	18.9	19.6	55	49	65	56	12.6	344.0	
26	19.5	23.6	23.7	22.3	54	54	78	62	12.7	380.0	
27	23.9	25.5	23.3	24.2	68	60	73	67	12.2	719.0	
28	23.0	23.1	23.0	23.0	63	58	76	66	12 0	541.0	
29	23.0	25.0	24.4	24.1	62	57	79	66	12.1	385.0	
30	23.7	23.0	23.7	23.5	63	63	78	68	11.3	240.0	
31											
	22.00	23.41	22.63	22.68	62.4	57.5	77.7	65.9	12.26	370.80	0.00

Height of Barometer above sea level : **33.7 meters.**

„ „ Thermometers above ground :

Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.

Hygrometric data from readings of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M.O. 265.

Rim of Rain Gauge : above ground 0.56 m. ; above sea level **30.31 m**

Time of reading minus 2 hours equal G.C.T

71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	10st	0	3.3	1sw	1sw	1sw	light	H.a.m
2	4st	0	0	1.3	1sw	1nw	1ne	,,	H.a.m. p.m. D.p.m
3	0	0	0	0.0	1e	1n	1ne	,,	
4	0	0	0	0.0	1e	1n	1n	calm	
5	0	0	0	0.0	1w	1w	1w	light	H.a.m
6	0	0	0	0.0	1sw	1w	1w	light	
7	0	10st	0	3.3	1sw	1w	1w	,,	
8	1st	2cu-st	10st	4.3	1 w	1nw	1w	,,	
9	9cu-st	0	0	3.0	1nw	1nw	1nw	,,	
10	1st	0	0	0.3	1ne	1ne	1ne	,,	
11	6st	0	0	2.0	1sw	1ne	1ne	light	D. p.m
12	0	0	0	0.0	1n	1n	1ne	,,	D. a.m
13	0	0	0	0.0	1sw	1ne	2ne	,,	
14	0	0	0	0.0	1sw	1ne	1ne	,,	
15	0	1ci	0	0.3	1ne	1ne	1ne	,,	D.p.m
16	0	0	0	0.0	3sw	1sw	2sw	light	H. a.m.
17	0	0	0	0.0	2sw	2sw	1sw	,,	H.a.m.p m.
18	0	0	0	0.0	3sw	2sw	1sw	,,	H.a.m. p.m. D.p.m.
19	0	0	10st	3.3	1sw	1w	1sw	,,	H. a m
20	5st	4st	0	3.0	1sw	1sw	1sw	,,	
21	2st	3st	5ci-st	3.3	1sw	2sw	1sw	light	
22	2cu-st	1cu-st	10st	4.3	1sw	1w	1ne	,,	
23	1cu-st	4st	10st	5.0	1nw	1w	1nw	,,	
24	0	5ci-st	10st	5.0	1sw	1sw	1w	,,	
25	0	4cu-ci	0	1.3	1sw	1w	1w	,,	
26	0	2st	3st	1.7	2sw	2sw	1sw	light	
27	0	0	0	0.0	2sw	3sw	1sw	,,	H.p.m
28	1cu	0	1st	0.7	2sw	2sw	1sw	,,	
29	0	5st	3st	2.7	3sw	2sw	1sw	,,	H. a.m
30	5cu-st	9ci-st	0	4.7	1sw	1nw	1nw	,,	H.a.m.p.m.
31									
	mean			1.76					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	2	2	0	0	21	2	2	0	30
14:30	3	5	0	0	0	11	7	4	0	30
20:30	1	9	0	0	0	11	6	3	0	30
Total	5	16	2	0	0	43	15	9	0	90

Number of days with rain 0, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 0.79